



Attorney Docket No. _____

Patent
030681-352

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Byung-kyu Lee

Application No.: 10/029,701

Filing Date: December 31, 2001

Title: PERPENDICULAR MAGNETIC RECORDING MEDIUM

Group Art Unit: 1773

Examiner: HOLLY C RICKMAN

Confirmation No.: 3883

**FOURTH
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a **FOURTH** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☒ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

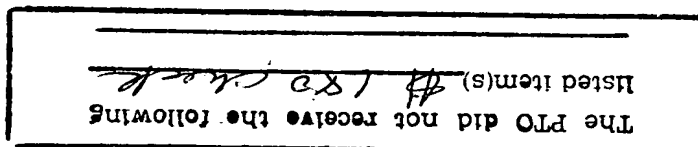
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By

Charles F. Wieland III

Registration No. 33,096

Date: August 10, 2005



BURNS DOANE

BURNS, DOANE, SWECKER & MATHIS, L.L.P.
INTELLECTUAL PROPERTY LAW

**FOURTH
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

(8/04)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Byung-kyu Lee) Group Art Unit: 1773
Application No.: 10/029,701) Examiner: Holly C. Rickman
Filed: December 31, 2001) Confirmation No.: 3883
For: PERPENDICULAR MAGNETIC)
RECORDING MEDIUM)

FOURTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Also enclosed is an Office Action issued by the Chinese Patent Office on April 8, 2005 in connection with the corresponding Korean application in which the submitted documents were cited.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

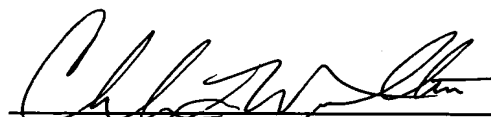
08/12/2005 MBEYENE1 00000011 024800 10029701
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Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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FOURTH INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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Complete if Known

Application Number	10/029,701
Filing Date	December 31, 2001
First Named Inventor	Byung-kyu Lee
Examiner Name	Holly C. Rickman
Attorney Docket Number	030681-352

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,660,929		SUZUKI et al.	08-26-1997

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	2000-207721		Japan	07-28-2000						X	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.